

PERMIT APPLICATION: NRS #04.398

APPLICANT: State of Tennessee
Department of Transportation
Environmental Planning and Permits Division
Suite 900, James K. Polk Building
505 Deaderick Street
Nashville, Tennessee 37243
(615) 253-2477

LOCATION: State Route (SR) 76 from 0.5 miles west of SR 233 to SR374 (North Parkway)
Montgomery County

WATERSHED DESCRIPTION: The proposed activity is located in the Lower Cumberland Watershed (HUC 05130205) and the Red River Watershed (HUC 05130206). The majority of the new alignment will be within the Fort Campbell Military Reservation. The activity will take place in a gentle sloping upland area. Canopy cover ranges from open fields to 100% cover from a mature forest.

PROJECT DESCRIPTION: The applicant proposes to construct a new segment of SR 76 on a new alignment from 0.5 miles west of SR 233 to SR 374 (North Parkway).

Station 243+40± (Rt.): Proposed 8-inch water line to be installed.

Station 243+65± (Rt.): Proposed 8-inch water line to be installed.

Station 243+72.97: Unnamed tributary to Fletcher Fork Creek: The existing 33 ft. culvert would be replaced with 230 ft. of 8 ft. x 4 ft. box culvert. The outlet will have 29 ft. of riprap as a transition.

Station 244+20± (Rt.): Proposed 8-inch water line to be installed.

Station 335+17.88: Unnamed tributary to Raccoon Branch: Approximately 212 ft. of 54-inch reinforced concrete pipe with 12 ft. endwalls at the outlet and inlet would be installed. The pipe would have 30 ft. of transition at the inlet and 29 ft. of riprap as transition at the outlet.

Station 356+15± to Sta. 357+85±: The applicant proposes to permanently impact 0.57 acre of wetlands.

Station 376+20.35: Unnamed tributary to Raccoon Branch: The stream would be encapsulated by 231 ft. of 2-8 ft. x 4 ft. box culvert. A 20 ft. riprap transition would be at the outlet.

Station 388+56.16: Unnamed tributary to Raccoon Branch: Applicant proposes to install 214 ft. of 36-inch reinforced concrete pipe with 16 ft. endwalls at the outlet and inlet.

Station 402+00± (Rt.) to Sta. 402+60± (Rt.): Unnamed tributary to Raccoon Branch: The existing 183 ft. of stream would be relocated and the proposed stream would be 40 ft..

Station 402+83± to Sta. 405+35±: Unnamed tributary to Raccoon Branch: Applicant proposes to install 172 ft. of 6 ft. x 4 ft. box culvert. A portion of stream will be relocated to transition into the proposed culvert. Transition at the outlet will be 25 ft. of riprap.

Station 432+80.09: Unnamed tributary to Raccoon Branch: Replace the existing 15-foot bridge with 191 ft. of 54-inch reinforced concrete pipe and 12 ft. of endwalls at the outlet and inlet. The applicant proposes a 35 ft. transition of which 13-feet is riprap at the outlet.

Station 442+06.58: Unnamed tributary to Raccoon Branch: The applicant proposes to install 169 ft. of 60-inch reinforced concrete pipe with 8 ft. of endwalls at the outlet and inlet. A transition of 30 ft. (riprap) would be at the outlet.

Station 442+50± (Rt.) to Sta. 443+80± (Rt.): Unnamed tributary to Raccoon Branch: The applicant proposes to relocate 172 ft. of stream with 130 ft. of stream.

Station 30+90± (Lt.) to Sta. 32+40± (Rt.) (Dover Road East), Sta. 446+50± (State Route 76): Proposed 8-inch water line to be installed.

Station 32+44.24 (Dover Road East), Sta. 446+50± (State Route 76): Unnamed tributary to Raccoon Branch: The existing 37 ft.± of 3 ft. x 3 ft. box culvert would be extended by 30 ft. with 42-inch reinforced concrete pipe.

The applicant would mitigate for the proposed stream alterations by payment of \$387,400.00 for a total of 1937.00 feet of encapsulation and stream loss to the Tennessee Stream Mitigation Program. The applicant would also mitigate for the 0.57± acre of wetlands loss by debiting, at a 2:1 ratio, 1.14 acres from available credits at the Harpeth Wetland Mitigation Bank.

PERMIT COORDINATOR: Trent Thomas

USGS TOPOGRAPHIC QUADRANGLE: Woodlawn, TN (300-SE)
New Providence, TN (301-SW)



SCALE 1:24000
0 1000 2000 3000 4000 ft

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM 1929

APPLICATION BY:
TENNESSEE DEPARTMENT OF TRANSPORTATION
Project No. 63015-1209-04
Fed # NHE-76(32)
PIN 101445.00
State Route 76
Reconstruct from 0.5 Mile West of State Route 233
To proposed State Route 374 (North Parkway)
Montgomery County
Near: Woodlawn, Tennessee

